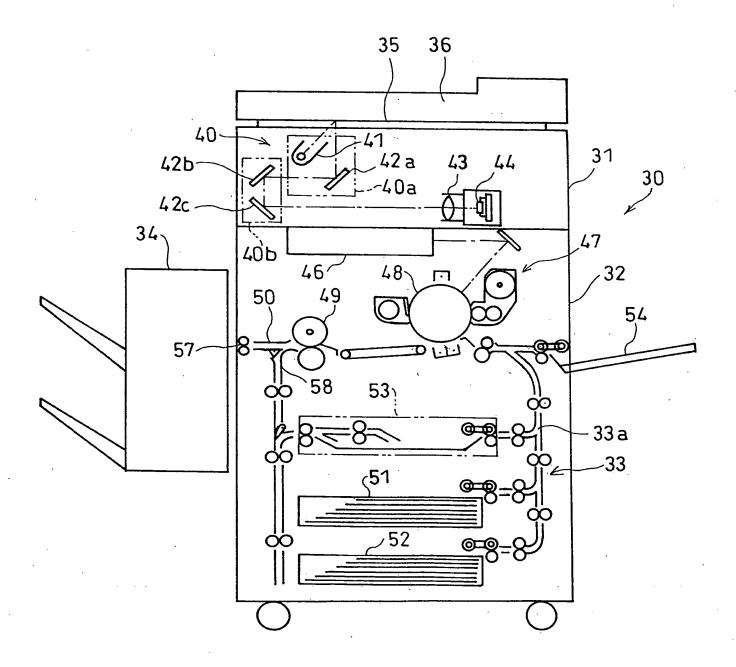
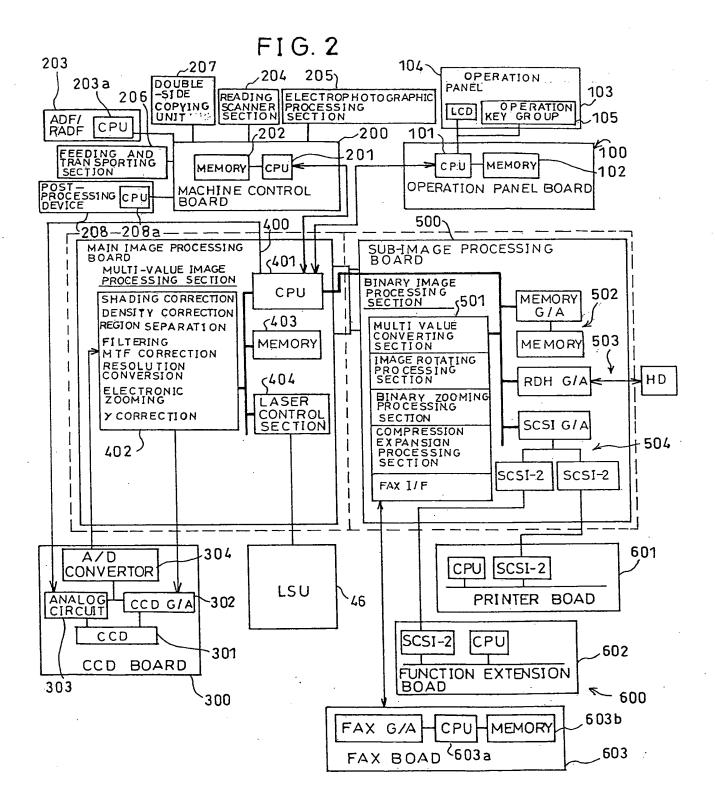
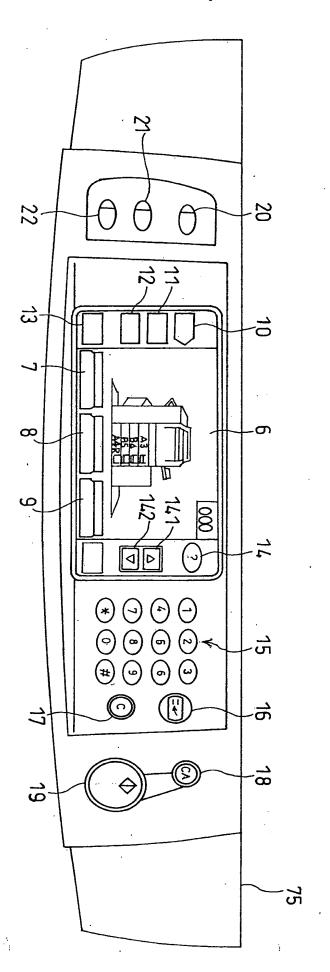


FIG. 1







-1 G. 3

| | | | | | | | | C | | | | | ٠ | |
|-------|-------|-------|-----------------------------|-------------------|-------|-------|-------|-----------------------------|-------------|-----|---|-------|----------------------|-------------------|
| ω | 2 | 1 | DOCUMENT ID | IMAGE INPUT TABLE | ω | 2 | -3 | DOCUMENT ID | IMAGE INPUT | 702 | | -1 | DOCUMENT ID | IMAGE INPUT TABLE |
| FRONT | FRONT | FRONT | DOCUMENT SIDE DOCUMENT SIZE | TABLE 701 | FRONT | FRONT | FRONT | DOCUMENT SIDE DOCUMENT SIZE | TABLE F | 703 | - | FRONT | DOCUMENT SIDE | TABLE 701 |
| A 4 | A4 | A 4 | DOCUMENT SIZE |)1 | . A4 | A 4 | Α 4 | DOCUMENT SIZE | 701 | 704 | | A 4 | DOCUMENT SIZE | |
| 100 | 100 | 100 | SCALING FACTOR | FIG.5(c) | 100 | 100 | 100 | SCALING FACTOR | FIG.5 (b) | 705 | | 100 | SCALING FACTOR | FIG.5 (a) |
| | | | READ IMAGE NUMBER | (c) | | | ,_3 | READ IMAGE NUMBER | (b) | 706 | | | READ IMAGE NUMBER | (a) |
| | | -3 | INPUT REQUEST | | | | | INPUT REQUEST | | 707 | | 0 | INPUT REQUEST | |
| ٠ | د | ٦ | COMPLETION | | 0 | 0 | > | COMPLETION | | 708 | | 0 | COMPLETION | |

| | | FIG.6 (b) | | | | | | | FIG.6 (a) | | - | |
|---------|---------|-----------|-----------------------|---------------------|-----|-----|---------|---------|-----------|-----------------------|--------------------|------------|
| ω · | 2 | ٦ | IMAGE ID | IMAGE PROCESS TABLE | | 711 | 3 | 2 | > | IMAGE ID | MAGE PROCESS TABLE | |
| THROUGH | THROUGH | тнкоисн | PROCESS | SS TABLE | 710 | 712 | THROUGH | THROUGH | THROUGH | PROCESS | SS TABLE | <i>(</i> 7 |
| သ | 2 | | PROCESS ID | | 0 | 713 | | | | PROCESS ID | | 710 |
| | | ٦ | PROCESS COMPLETION | | 4 | 714 | 0 | 0 | 0 | PROCESS COMPLETION | · | |

| ယ | > | ٦ | د | | A4 | FRONT | ω |
|-----------|---------|------------|--------------------|--------------|------------|-------------|--------------------|
| 2 | | -3 | 1 | | A 4 | FRONT | 2 |
| | | ے | | | A 4 | FRONT | > |
| OUTPUT ID | RELEASE | COMPLETION | REQUEST | PRINT NUMBER | PRINT SIZE | SHEET SIDE | IMAGE ID |
| | | i | 7 (c) | FIG.7 (c) | 720 | TABLE | IMAGE OUTPUT |
| | ٠. | · | | | | | |
| ယ | | 0 | ٦ | | A 4 | FRONT | ယ |
| 2 | | 0 | ٦ | | A 4 | FRONT | 2 |
| | | | ٦ | | A 4 | FRONT | -3 |
| OUTPUT ID | RELEASE | COMPLETION | OUTPUT RE QUEST | PRINT NUMBER | PRINT SIZE | SHEET SIDE | OUTPUT |
| | | , | 7 (b) | FIG. 7 (b) | 20 | TABLE 720 | IMAGE OUTPUT TABLE |
| 728 | 727 | 726 | 725 | 724 | 723 | 722 | 721 |
| 3 | | 0 | 0 | | A 6 | FRONT | ယ |
| 2 | | | 0 | | A 4 | FRONT | 2 |
| | | 0 | 0 | | A 4 | FRONT | |
| OUTPUT ID | RELEASE | COMPLETION | REQUEST | PRINT NUMBER | PRINT SIZE | SHEET SIDE | OUTPUT IMAGE ID |
| | , | } | | FIG. | Ö | T TABLE 720 | IMAGE OUTPUT TABLE |

| | | · | | | · | | | | | 9 | - 1 | | | | |
|-------|-------|-------|-----------------------------|-------------------|-------|-------|-------|-----------------------------|-------------------|-----|-----|---|----------|----------------------|-------------------|
| ω | 2 | | DOCUMENT ID | IMAGE INPUT TABLE | ယ | 2 | -3 | DOCUMENT ID | IMAGE INPUT TABLE | 702 | | | - | DOCUMENT ID | IMAGE INPUT TABLE |
| FRONT | FRONT | FRONT | DOCUMENT SIDE DOCUMENT SIZE | TABLE 5-701 | FRONT | FRONT | FRONT | DOCUMENT SIDE DOCUMENT SIZE | 7 | 703 | | | FRONT | DOCUMENT SIDE | TABLE //// |
| A | A 4 | A 4 | DOCUMENT SIZE |)1 | . A 4 | A 4 | A 4 | DOCUMENT SIZE | 701 | 704 | | | A 4 | DOCUMENT SIZE | |
| 100 | 100 | 100 | SCALING FACTOR | FIG.8 (c) | 100 | 100 | 100 | SCALING FACTOR | FIG.8 (b) | 705 | | | 100 | SCALING FACTOR | FIG.8 (a) |
| | ب | _ | READ IMAGE NUMBER | (c) | | | | READ IMAGE NUMBER | (b) | 706 | | | | READ IMAGE NUMBER |) (a) |
| 3 | > | _ | INPUT REQUEST | | | | | INPUT REQUEST | | 707 | - | | 0 | INPUT REQUEST | |
| | | ۵ | COMPLETION | | 0 | 0 | | INPUT COMPLETION | | 708 | | 4 | 0 | INPUT | |

| | | FIG.9 (b) | | | | | | | FIG.9 (a) | | 7 |
|---------|-----------------------|-----------------------|-----------------------|---------------------|-----|-----|---------|--------------------|--------------------|-----------------------|---------------------|
| w | 2 | 1 | IMAGE ID | IMAGE PROCESS TABLE | · | 711 | ω | 2 | > | IMAGE ID | IMAGE PROCESS TABLE |
| THROUGH | COMPOSITION WITH 1 | COMPOSITION WITH 2 | PR OCESS | SS TABLÉ | 710 | 712 | THROUGH | COMPOSITION WITH 1 | COMPOSITION WITH 2 | PROCESS | 1 |
| ω | 4 | 4 | PROCESS ID | | 0 | 713 | | 4 | 4 | PROCESS ID | 710 |
| -> | | -3 | PROCESS COMPLETION | | | 774 | 0 | 0 | 0 | PROCESS COMPLETION | · |

| | | | | | | | | : | | - | | |
|-------|-------|--------------------|--------------------|-------|-------|--------------------|--------------------|-----|-------|-------|--------------------|--------------------|
| 2 | _ | OUTPUT IMAGE ID | IMAGE OUTPUT TABLE | 2 | | OUTPUT IMAGE ID | IMAGE OUTPUT TABLE | 721 | 2 | _3 | OUTPUT IMAGE ID | IMAGE OUTPUT TABLE |
| FRONT | FRONT | SHEET SIDE | 7 | FRONT | FRONT | SHEET SIDE | TABLE 720 | 722 | FRONT | FRONT | SHEET SIDE | T TABLE 720 |
| A 4 | A 4 | PRINT SIZE | 720 | A 4 | A 4 | PRINT SIZE | 20 | 723 | A 4 | A 4 | PRINT SIZE | 20 |
| ے | > | PRINT NUMBER | FIG. 10 (c) | | | PRINT NUMBER | FIG.10 (b) | 724 | 1 | | PRINT NUMBER | FIG. |
| ے | -> | REQUEST | 0 (c) | د | | RE QUEST | 0 (b) | 725 | 0 | 0 | REQUEST | FIG. 10 (a) |
| | | COMPLETION | | 0 | د | COMPLETION | | 726 | 0 | 0 | COMPLETION | |
| | > | MEMORY RELEASE | | | ٠. | MEMORY RELEASE | | 727 | | | MEMORY RELEASE | |
| ω | 4 | OUTPUT ID | | ω | 7 | OUTPUT ID | | 728 | ω | 4 | OUTPUT ID | |

| ب | > | -3 | 100 | Α4 | FRONT | ω |
|---------------------|---------------|----------------------|-------------------|---------------|-----------------------------|-------------------|
| | | | 100 | A 4 | FRONT | 2 |
| | -3 | _ | 100 | A 4 | FRONT | |
| COMPLETION | INPUT REQUEST | READ IMAGE NUMBER | SCALING FACTOR | DOCUMENT SIZE | DOCUMENT SIDE DOCUMENT SIZE | DOCUMENT ID |
| | | (c) | FIG.11 (c) |)1 | TABLE > 701 | IMAGE INPUT TABLE |
| 0 | | د. | 100 | . A4 | FRONT | ω |
| 0 | د- | . دـــ | 100 | A 4 | FRONT | 2 |
| _ | _ _ _ | _ | 100 | A 4 | FRONT | |
| INPUT | INPUT REQUEST | READ IMAGE NUMBER | SCALING FACTOR | DOCUMENT SIZE | DOCUMENT SIDE DOCUMENT SIZE | DOCUMENT ID |
| | | (b) | FIG.11 (b) | 701 | TABLE F | IMAGE INPUT |
| 708 | 707 | , 706 | 705 | 704 | 703 | 702 |
| | | | - | | | |
| | | | | | | |
| 0 | 0 | : | 100 | A 4 | FRONT | 1. |
| INPUT COMPLETION | INPUT REQUEST | READ IMAGE NUMBER | SCALING FACTOR | DOCUMENT SIZE | DOCUMENT SIDE DOCUMENT SIZE | DOCUMENT ID |
| | | (a) | FIG.11 (a) | <u> </u> | TABLE 701 | IMAGE INPUT TABLE |

| | | FIG.12 (b) | | | | | | | FIG.12(a) | | | |
|---------------|---------------|---------------|-----------------------|---------------------|-----|-----|---------------|---------------|---------------|-----------------------|---------------|-----|
| 3 | . 2 | ـــ | IMAGE ID | IMAGE PROCESS TABLE | | 711 | ω | . 2 | ٠ | IMAGE ID | IMAGE PROCESS | |
| BINARY-CODING | BINARY-CODING | BINARY-CODING | PR OCESS | SS TABLE | 710 | 712 | BINARY-CODING | BINARY-CODING | BINARY-CODING | PROCESS | SS TABLE | 7, |
| 6 | ن ت | 4 | PROCESS ID | | 0 | 713 | | | 4 | PROCESS ID | | 710 |
| ٦ | | | PROCESS COMPLETION | | | 714 | 0 | 0 | 0 | PROCESS COMPLETION | | |

| ω | 2 | د- | OUTPUT IMAGE ID | IMAGE OUTPU | | ယ | 2 | ے. | OUTPUT IMAGE ID | IMAGE OUTPUT TABLE | 721 | 3 | 2 | | OUTPUT IMAGE ID | IMAGE OUTPUT TABLE |
|-------|-------|-------|--------------------|--------------|-------------|-------|-------|-------|--------------------|--------------------|-----|-------|-------|-------|--------------------|--------------------|
| FRONT | FRONT | FRONT | SHEET SIDE | OUTPUT TABLE | ı | FRONT | FRONT | FRONT | SHEET SIDE | TABLE 720 | 722 | FRONT | FRONT | FRONT | SHEET SIDE | TABLE 720 |
| A4 | A 4 | Α 4 | PRINT SIZE | 720 | | A L | A 4 | A 4 | PRINT SIZE | 20 | 723 | A 6 | A 4 | A 4 | PRINT SIZE | 20 |
| | | | PRINT NUMBER | F1G. 13 (C) |] ;) | | | | PRINT NUMBER | FIG. 13 (b) | 724 | | | | PRINT NUMBER | FIG. |
| حا | -3 | -> | REQUEST | 3 (C) | | | ٦ | 13 | RE QUEST | 3 (b) | 725 | 0 | 0 | 0 | REQUEST | FIG. 13 (a) |
| ے | د | د. | COMPLETION | 7 | | 0 | 0 | - | COMPLETION | | 726 | 0 | 0 | 0 | COMPLETION | |
| | | | RELEASE | | | | | د. | RELEASE | | 727 | | | | RELEASE | |
| 4 | ഗ | 6 | OUTPUT ID | | | 4 | σ | 6 | OUTPUT ID | | 728 | 6 | ហ | 5 | OUTPUT ID | |